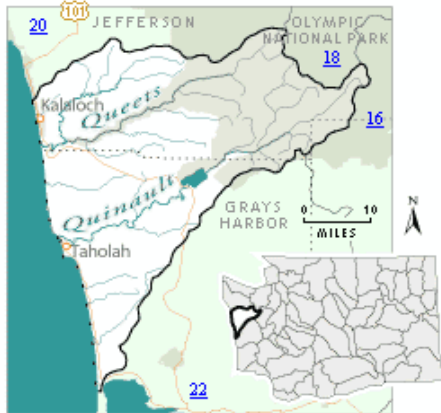


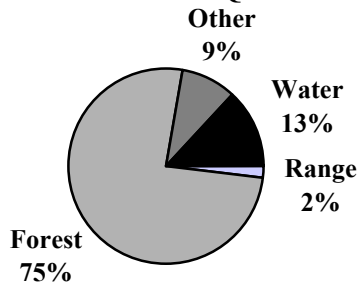
Queets-Quinault Basin - WRIA #21



WRIA #21 encompasses nearly 749,709 acres. Located in the Pacific NW portion of the state, this watershed receives 134 inches of rainfall per year. The Coastal Range and Cascades make up the ecoregion for this watershed.

Demographics

Land Use in the Queets Basin



Land Base (in acres)

Federal	322,128	42.9%
State	112,504	15.1%
Local	-0-	-0-
Tribal	203,912	27.2%
Private	111,165	14.8%

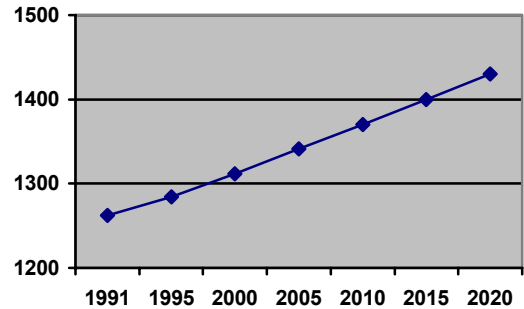
Principal Economic Activity (as total wages)

Manufacturing	11%
Retail Trade	24%
Services	23%
Government	25%
Forestry/Agriculture	2%
Other	15%

Population

There are approximately 1,384 people living in the Queets-Quinault Basin. The primary population centers are Ocean City and Moclips. The majority of people live in unincorporated areas.

Projected population trends



Counties

Jefferson (56%) Grays Harbor (43%)
Mason (<1%)

Special purpose districts

Conservation Districts: Jefferson; Grays Harbor; Mason

Principal Cities

Ocean City Moclips
Taholah Kalaloch

Reservation Lands

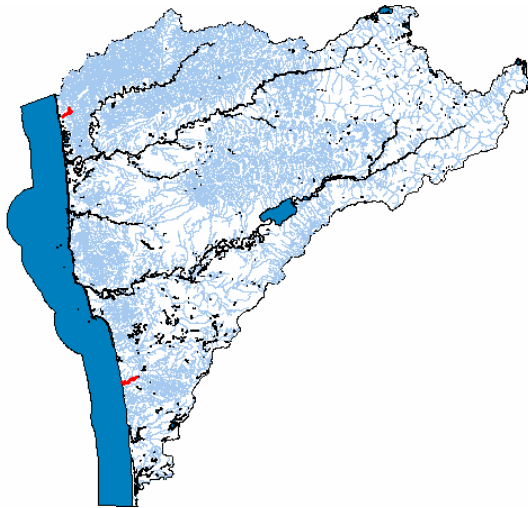
Quinault Tribe

General Landscape

Coastal headlands and upland terraces with medium to high gradient streams. Typical soils are mostly deep, silt loam. Potential natural vegetation are sitka spruce, western hemlock, and western red cedar. Mean temperature ranges from 36/48° (winter) to 52/68° (summer).

Surface Water Quality

303(d) listed waterbodies



1. 303(d) listed Problem Areas

Fecal Coliform in Joe Creek

High Temperature in Kalaloch Creek

Dissolved Oxygen in Joe Creek

Total Maximum Daily Loads

1 TMDL required from the 1998 303(d) list

2. Impacted Beneficial Uses

Groundwater Quality

Nitrates – Levels not detected above 5 mg/L

Pesticides – Have been detected in public wells

Sole Source Aquifer

None

Water Quantity

No Concerns

Air Quality

(From windblown dust)

No concerns

Public Health

Commercial Shellfish Growing Areas

Areas impaired

Domestic Water Supply

No significant use of surface water sources

Salmonid Stock Status

Threatened

3. Water Quality Programs

1. US Forest Service Northwest Forest Plan
2. Forage Fish Project, Island County Marine Resources Committee
3. Conservation Reserve Enhancement Program (CREP), Clallam CD
4. NWSC Nearshore Habitat Inventory & Evaluation, Northwest Straits Commission
5. Kelp Canopy Monitoring, WDNR
6. Washington State ShoreZone Inventory, DNR/Coastal & Ocean Resources
7. Digital Coastal Atlas, DOE
8. Estuarine Health Indicator Project, PSWQAT
9. Biotoxins Monitoring Program, DOH
10. Commercial Shellfish Growing Area Classification Program, DOH
11. Recreational Shellfish Program, DOH
12. Surface Water Management Plan, Jefferson County Public Works